

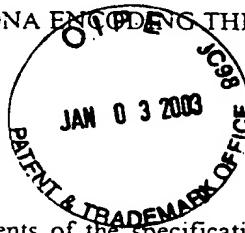
DECLARATION AND POWER OF ATTORNEY

I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to my name: that verily believe I/We are the original, inventors (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

A NOVEL POLYPEPTIDE, A cDNA ENCODING THE POLYPEPTIDE AND UTILIZATION THEREOF

Which application is:

The attached application
(for original application)



Application No. 09/674,379
filed October 30, 2000 as the U.S. national stage of
PCT/JP99/02284, filed April 28, 1999

I/We have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware and which is material to the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, §119(e) of any United States provisional application(s), or §365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT International application having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed
Hei. 10-119731	Japanese	April 28, 1998	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

I/We hereby claim the benefit under 35 United States Code §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Filing Date	Status
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I/We hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603; George F. Lehnigk, Reg. No. 36,359; John T. Callahan, Reg. No. 32,607; Steven M. Gruskin, Reg. No. 36,818; Peter A. McKenna, Reg. No. 38,551 and Edward F. Kenehan, Reg. No. 28,962, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.

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Date	First Inventor	Tasuku	HONJO	
		First Name	Middle Initial	Last Name
Residence	Kyoto City	Japan		
		State/Country		

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Citizenship Japanese

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Date _____ Second Inventor Kei _____ TASHIRO _____

Residence Kyoto Japan Signature Kei Tashiro
City State/Country

Mailing Address: 93, Higashiohno-cho, Koyama, Kita-ku, Kyoto-shi, KYOTO 603-8162 JAPAN

Citizenship Japanese

Date _____ Third Inventor Tomoyuki _____ NAKAMURA _____

Residence San Diego, California U.S.A. Signature Tomoyuki Nakamura
City State/Country

Mailing Address: 7665, Palmira Dr., #5324, San Diego, CA

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Date _____ Fourth Inventor X Kenneth _____ JACOBS _____

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Citizenship U.S.

Date _____ Fifth Inventor X John M. _____ McCoy _____

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Date _____ Sixth Inventor X Lisa A. _____ Collins-Racie _____

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Date _____ Seventh Inventor Edward R. LaVallie _____
First Name _____ Middle Initial _____ Last Name _____

Residence Harvard, MA U.S.A. Signature _____
City _____ State/Country _____

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Citizenship U.S.

Date _____ Eighth Inventor Maurice Treacy _____
First Name _____ Middle Initial _____ Last Name _____

Residence Dun Laoghaire, IRELAND Signature _____
County of Dublin _____
City _____ State/Country _____

Mailing Address: 38 Clarinda Park East, Dun Laoghaire, County Dublin, IRELAND

Citizenship IRELAND

Date _____ Ninth Inventor Cheryl Evans _____
First Name _____ Middle Initial _____ Last Name _____

Residence Germantown, MD U.S.A. Signature _____
City _____ State/Country _____

Mailing Address: 19326 Golden Meadow Drive, Germantown, MD 20876

Citizenship United Kingdom

Date _____ Tenth Inventor Michael J. Agostino _____
First Name _____ Middle Initial _____ Last Name _____

Residence Andover, MA U.S.A. Signature _____
City _____ State/Country _____

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Date _____ Eleventh Inventor Zhijian Lu _____
First Name _____ Middle Initial _____ Last Name _____

Residence Bedford, MA U.S.A. Signature _____
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Mailing Address: 120 Old Burlington Road, Bedford, MA 01730

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Date Dec 11 2011 Twelfth Inventor David Merberg
First Name Middle Initial Last Name
Residence Acton, MA U.S.A. Signature David Merberg
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Mailing Address: 2 Orchard Drive, Acton, MA 01720

Citizenship U.S.

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Date	First Inventor	Tasuku	HONJO
	First Name	Middle Initial	Last Name

Residence	Kyoto	Japan	Signature	
	City	State/Country		

Mailing Address: 19-4, Ohsagi-cho, Iwakura, Sakyo-ku, Kyoto-shi, KYOTO 606-0001 JAPAN

Citizenship	
Citizenship	Japanese

Date _____ Second Inventor Kei
First Name _____ Middle Initial _____ Last Name TASHIRO
Residence Kyoto Japan Signature Kei Tashiro
City State/Country

Mailing Address: 93, Higashiohno-cho, Koyama, Kita-ku, Kyoto-shi, KYOTO 603-8162 JAPAN

Citizenship Japanese

Date _____ Third Inventor Tomoyuki
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City State/Country

Mailing Address: 7665, Palmira Dr., #5324, San Diego, CA

Citizenship Japanese

Date _____ Fourth Inventor X Kenneth
First Name _____ Middle Initial _____ Last Name JACOBS
Residence Reading, MA U.S.A. Signature Kenneth Jacobs
City State/Country

Mailing Address: 151 Beaumont Avenue, Reading, MA 01867

Citizenship U.S.

Date _____ Fifth Inventor X John M.
First Name _____ Middle Initial _____ Last Name McCoy
Residence Reading, MA U.S.A. Signature John McCoy
City State/Country

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Citizenship U.K.

Date 11/27/01 Sixth Inventor X Lisa A.
First Name _____ Middle Initial _____ Last Name Collins-Racie
Residence Acton, MA U.S.A. Signature Lisa A. Collins-Racie
City State/Country

Mailing Address: 124 School Street, Acton, MA 01720

Citizenship U.S.

Date	Seventh Inventor	Edward R. First Name	LaVallie Middle Initial	Last Name
Residence	Harvard, MA City	U.S.A State/Country	Signature <i>Edward R. LaVallie</i>	
Mailing Address: 113 Ann Lee Road, Harvard, MA 01457				
Citizenship U.S.				
Date	Eighth Inventor	Maurice First Name	Treacy Middle Initial	
Residence	Dun Laoghaire, IRELAND County of Dublin City	Signature <i>Maurice Treacy</i>	Last Name	
Mailing Address: 38 Clarinda Park East, Dun Laoghaire, County Dublin, IRELAND				
Citizenship IRELAND				
Date	Ninth Inventor	Cheryl First Name	Evans Middle Initial	
Residence	Germantown, MD City	Signature <i>Cheryl Evans</i>	Last Name	
Mailing Address: 19326 Golden Meadow Drive, Germantown, MD 20876				
Citizenship United Kingdom				
Date	Tenth Inventor	Michael J. First Name	Agostino Middle Initial	
Residence	Andover, MA City	Signature <i>Michael J. Agostino</i>	Last Name	
Mailing Address: 26 Wolcott Avenue, Andover, MA 01810				
Citizenship U.S.				
Date	Eleventh Inventor	Zhijian First Name	Lu Middle Initial	
Residence	Bedford, MA City	Signature <i>Zhijian Lu</i>	Last Name	
Mailing Address: 120 Old Burlington Road, Bedford, MA 01730				
Citizenship People's Rep. Of China				

Date _____ Twelfth Inventor David Merberg _____
First Name _____ Middle Initial _____ Last Name _____
Residence Acton, MA U.S.A. Signature _____
City _____ State/Country _____
Mailing Address: 2 Orchard Drive, Acton, MA 01720

Citizenship U.S.

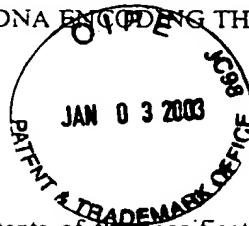
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Date	First Inventor	Tasuku	HONJO
	First Name		
Residence	Kyoto	Signature	Middle Initial
	City		Last Name
	Japan		
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Date _____ Second Inventor Kei _____ TASHIRO _____
First Name _____ Middle Initial _____ Last Name _____

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Date _____ Fifth Inventor X John M. McCoy _____

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Date _____ Seventh Inventor Edward R. LaVallie
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Residence Andover, MA U.S.A. First Name _____ Middle Initial _____ Last Name _____
City _____ State/Country _____ Signature Michael J. Agostino

Mailing Address: 26 Wolcott Avenue, Andover, MA 01810

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Residence Bedford, MA U.S.A. First Name _____ Middle Initial _____ Last Name _____
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Mailing Address: 120 Old Burlington Road, Bedford, MA 01730

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Residence Acton, MA U.S.A. Signature _____
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Mailing Address: 2 Orchard Drive, Acton, MA 01720

Citizenship U.S.

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	First Name	Middle Initial	Last Name
Residence	Kyoto	Signature	
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Mailing Address: 19-4, Ohsagi-cho, Iwakura, Sakyo-ku, Kyoto-shi, KYOTO 606-0001 JAPAN

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Date _____ Second Inventor Kei _____ TASHIRO _____
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DECLARATION AND POWER OF ATTORNEY

I/We as below named inventors, I/We hereby declare that our residence, mailing addresses and citizenship are as stated below next to my name: that verily believe I/We are the original, inventors (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter claimed and for which a patent is sought in the application entitled:

A NOVEL POLYPEPTIDE, A cDNA ENCODING THE POLYPEPTIDE AND UTILIZATION THEREOF

Which application is:

The attached application
(for original application)

Application No. 09/674,379
filed October 30, 2000 as the U.S. national stage of
PCT/JP99/02284, filed April 28, 1999

(for declaration not accompanying application)

I/We have reviewed and understand the contents of the specification of the above-identified application, including the claims, as amended by any amendment referred to above; that I acknowledge my duty to disclose information of which I am aware and which is material to the patentability of this application as defined in 37 C.F.R. 1.56, that I hereby claim priority benefits under Title 35, United States Code §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, §119(e) of any United States provisional application(s), or §365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT International application having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date	Priority Claimed
			Yes No
Hei. 10-119731	Japanese	April 28, 1998	<input checked="" type="checkbox"/> <input type="checkbox"/>

I/We hereby claim the benefit under 35 United States Code §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Filing Date	Status
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I/We hereby appoint John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603; George F. Lehnigk, Reg. No. 36,359; John T. Callahan, Reg. No. 32,607; Steven M. Gruskin, Reg. No. 36,818; Peter A. McKenna, Reg. No. 38,551 and Edward F. Kenehan, Reg. No. 28,962, my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and request that all correspondence about the application be addressed to **SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC**, 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213.

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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